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74 73 (New) The glucose dehydrogenase composition for use in glucose sensors in accordance with claim 71, wherein said stabilizer is a disaccharide selected from the group consisting of sucrose, lactose, maltose and trehalose, or a derivative thereof.

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80 73 (New) The glucose dehydrogenase composition for use in glucose sensors in accordance with claim 71, wherein said stabilizer is an oligosaccharide selected from the group consisting of malt triose, maltosyl cyclodextrin, α -cyclodextrin, β -cyclodextrin and γ -cyclodextrin, or a derivative thereof.

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81 73 (New) The glucose dehydrogenase composition for use in glucose sensors in accordance with claim 71, wherein said stabilizer is a polysaccharide selected from the group consisting of dextrin, amylose, glycogen, inulin and Ficoll, or a derivative thereof.--

REMARKS

The Summary of the Invention section of the specification has been amended to more succinctly describe the invention for the benefit of the public. It is respectfully submitted that the material requested to be added to the specification is fully supported by the original application. In particular, Applicant discloses the structural features of the inventive glucose sensor throughout the specification and describes one embodiment by way of Fig. 1. Applicant also discloses that the invention relates to methods for stabilizing a glucose dehydrogenase sensor (see end of page 12) and stabilized compositions (see page 13). Applicant also discloses the recited stabilizers and buffers on pages 9-14. Hence, Applicant has merely summarized the information provided in the detailed description section of the application. Accordingly, entry of

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the requested material under the Brief Summary of the Invention, as directed, is respectfully solicited.

Claims 5-81 are currently pending in the application of which claims 21-81 are new. Consideration and examination of all of the claims in the application are respectfully solicited.

New claims 21-37 and 64-72 are directed to a method for stabilizing glucose dehydrogenase. New claims 38-54 and 73-81 relate to a dehydrogenase composition. Claims 55-63 are directed to a glucose sensor.

It is respectfully submitted that adequate descriptive support for the new claims should be apparent from the detailed specification and original claims, as filed. For example, new independent claims 21, 22 and 64 corresponds to original claim 3; new independent claims 38, 39 and 73 corresponds to original claim 4; and new claim 55 corresponds to original claim 1. The new independent claims do not recite either succinic acid or succinate.

Additional support for claims 23-37, 40-54, 56-63, 65-72 and 74-81 should be apparent from pages 9-10 where Applicant discloses exemplary additives and on pages 13-14, where Applicant discloses exemplary stabilizers, such as metal salts, proteins, amino acids, sugars, organic acids and surfactants. Accordingly, it is respectfully submitted that the addition of new claims 21-81 do not raise any new matter issues.

Entry of the new claims and favorable consideration on the merits are respectfully solicited. Independent claim 55 recites a glucose sensor comprising a reaction layer while independent claims 21, 22 and 64 recite a method for stabilizing glucose dehydrogenase for use in glucose sensors. The combination of agents in the independent claims includes at least one additive that is added to glucose dehydrogenase whose co-enzyme is pyrrolo-quinoline quinone (PQQ-GDH). The combination of the additives with the PQQ-GHD is not taught, disclosed or

suggested by the applied art of record. Indeed, Wong does not disclose PQQ-GDH and Chrismore teaches the specific use of succinic acid, which is no longer recited in the independent claims.

Furthermore, since the applied art does not teach the combination of PQQ-GDH together with the recited additives of claims 38-54 and 73-81, it is respectfully submitted that these composition claims are also patentable over the applied art. Accordingly, favorable consideration and allowance of the claims now in the application are respectfully solicited.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

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